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PATENT
5266-10500/OPTV-175/ORG/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/829,558

§ Examiner: Unknown
§ Group/Art Unit: 2171
§ Atty. Dkt. No: 5266-10500
§

Inventors:

Willard, et al.

Title: **SYSTEM FOR
MANAGING DATA IN A
DISTRIBUTED
COMPUTING SYSTEM**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Rory D. Rankin

Printed Name

Nov 10, 2004

Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of the references listed on the attached Form PTO-1449 and/or the additional information identified below in paragraph 3.

- A copy of each required reference listed on the Form PTO-1449 is enclosed.
- The references listed on the Form PTO-1449 were previously cited in application serial no. _____ to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.
- The present application is a U.S. national patent application filed after June 30, 2003, or an international application that entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.

1. This Information Disclosure Statement is submitted:

- a. within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
 within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
 before the mailing date of a first Office Action on the merits; or
 before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: the certification of paragraph 2 below is provided, or a fee of \$180.00 is enclosed.
- c. after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.

2. It is hereby certified:

- that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;
 - that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Statement; or
 - that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three (3) months prior to the filing of the Statement.
3. Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:

- reference is made to an English language translation submitted herewith, and/or
- reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

- reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
 - reference is made to the concise explanation set forth below:
5. Applicant also offers the following comments for the Examiner's consideration:
 6. Also enclosed is a copy of a foreign search report citing these references.
 7. The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
 8. Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5266-10500/RDR.

Respectfully submitted,



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Date: Nov 10, 2004

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement NOV 12 2004		ATTY. DKT. NO. 5266-10500 APPLICANT: Willard, et al. FILING DATE: April 22, 2004	SERIAL NO. 10/829,558 GROUP: 2171
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U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIAT
		6,487,723	11/2002	MacInnis			
		6,446,204	09/2002	Pang, et al.			
		6,442,598	08/2002	Wright, et al.			
		6,427,238	07/2002	Goodman, et al.			
		6,381,748	04/2002	Lin, et al.			
		6,317,885	11/2001	Fries			
		6,177,930	1/2001	Chernock, et al.			
		6,157,411	12/2000	Williams, et al.			
		5,990,927	11/1997	Hendricks, et al.			
		5,878,222	03/1999	Harrison			
		5,805,825	09/1998	Danneels, et al.			
		5,625,693	04/1997	Rohatgi, et al.			
		5,619,250	04/1997	McClellan, et al.			
		5,548,532	08/1996	Menand, et al.			
		5,539,920	07/1996	Menand, et al.			
		5,440,632	08/1995	Bacon, et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLAT N YES/NO
	A1	WO 97/41690	11/ 1997	WO			
	A2	WO 97/30549	8/1997	WO			
	A3	EP 0752786	1/1997	EP			
	A4	EP 0399200	11/1990	EP			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

A5	Magazine Radio-Fernsehen Elektronik, Issue 9 and Issue 10, 1996; Cover sheet, pages 28 to 31 (Issue 9) and pages 38 to 40 (Issue 10). English translation attached.
A6	Praxis; "Europa-Premiere: Empfanger fur das digitale Fernsehen"; Funkschau 1995, Issue 11, pages 62-65. English Translation attached.
A7	Hirtz Und Zwing: "OpenTV:Betriebssystem Fuer Interaktives Fernsehen", Fernseh-Und Kino-Technik, March 1996, vol. 50, no. 3, pp. 84-89. English translation attached.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.